

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Application No. :

U.S. National Serial No. :

Filed :

PCT International Application No. : PCT/FR2004/000709

VERIFICATION OF A TRANSLATION

I, Charles Edward SITCH BA,

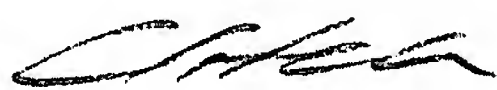
Acting Managing Director of RWS Group Ltd UK Translation Division, of Europa House,  
Marsham Way, Gerrards Cross, Buckinghamshire, England declare:

That the translator responsible for the attached translation is knowledgeable in the French language in which the below identified international application was filed, and that, to the best of RWS Group Ltd knowledge and belief, the English translation of the international application No. PCT/FR2004/000709 is a true and complete translation of the above identified international application as filed.

I hereby declare that all the statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the patent application issued thereon.

Date: March 29, 2007

Signature :



For and on behalf of RWS Group Ltd

Post Office Address :

Europa House, Marsham Way,  
Gerrards Cross, Buckinghamshire,  
England.

(19) World Intellectual Property  
Organization  
International Bureau



(43) International Publication Date  
21 October 2004 (21.10.2004)

PCT

(10) International Publication Number  
WO 2004/090038 A1

(51) International Patent Classification<sup>7</sup>: C08L 83/04, 83/12,  
H01B 1/04, H01M 8/10, C08G 77/42

(21) International Application Number:  
PCT/FR2004/000709

(22) International Filing Date: 23 March 2004 (23.03.2004)

(25) Filing Language: French

(26) Publication Language: French

(30) Priority Data:  
03/04,157 3 April 2003 (03.04.2003) FR

(71) Applicant (for all designated States except US): RHODIA  
CHIMIE [FR/FR]; 26 quai Alphonse Le Gallo, F-92512  
BOULOGNE BILLANCOURT (FR).

(72) Inventors; and

(75) Inventors/Applicants (for US only): GAMBUT-GAREL,  
Lucile [FR/FR]; 16, rue des Tuilliers, F-69003 LYON (FR).  
GEORGE, Catherine [FR/FR]; 2 bis, rue des Mourrons, F-  
69290 SAINT GENIS LES OLLIERES (FR). VERGELATI,  
Carroll [FR/FR]; Lieu-dit "Villeneuve", F-38118 SAINT  
BAUDILLE DE LA TOUR (FR). PUJOL, Jean-Marc  
[FR/FR]; 60, rue de Genève -n°9, F-69140 Rilleux (FR).

(74) Agent: TROLLIET, Maurice; Centre de Recherches de Lyon,  
Direction de la Propriété Industrielle, BP 62, F-69192 SAINT  
FONS (FR).

(81) Designated states (unless otherwise indicated, for every  
kind of national protection available): AE, AG, AL, AM,  
AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH,  
CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG,  
ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS,  
JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV,  
MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO,  
NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK,  
SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC,  
VN, YU, ZA, ZM, ZW.

(84) Designated states (unless otherwise indicated, for every  
kind of regional protection available): ARIPO (BW, GH,  
GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW),  
Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM),  
European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES,  
FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PL, PT, RO,  
SE, SI, SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA,  
GN, GQ, GW, ML, MR, NE, SN, TD, TG).

Published:

- with international search report
- before the expiration of the time limit for amending the  
claims and to be republished in the event of receipt of  
amendments

For two-letter codes and other abbreviations, refer to the  
"Guidance Notes on Codes and Abbreviations" appearing at  
the beginning of each regular issue of the PCT Gazette.

As printed

(54) Title: SETTING COMPOSITION FOR A BATTERY ELECTROLYTE

(54) Titre : COMPOSITION RETICULABLE POUR ELECTROLYTE DE BATTERIE

(57) Abstract: The invention relates to batteries and polymeric electrolytes for batteries and, in particular, lithium batteries. A poly-  
merisable composition or setting composition by polyaddition, for a battery electrolyte comprises a) at least one polyorganosiloxane  
(POS) (A) with at least two C<sub>2</sub>-C<sub>6</sub> alkenyl groups bonded to the silicon per molecule and at least one group directly bonded to silicon  
with a polyalkylene ether (Poa), b) at least one polyorganosiloxane (POS) (B) with at least two hydrogen atoms connected to the  
silicon per molecule, c) a catalytically effective quantity of at least one hydrosilylation catalyst (C) and d) at least one electrolyte salt  
(D).

(57) Abrégé : Le domaine de la présente invention concerne le domaine des batteries et des électrolytes polymères pour batteries  
et plus particulièrement le domaine des batteries au lithium. L'invention concerne une composition polymérisable et/ou réticulable  
par polyaddition pour électrolyte comprenant : a) au moins un polyorganosiloxane (POS) (A) présentant, par molécule, au moins  
deux groupes alcényles, en C<sub>2</sub>-C<sub>6</sub> liés au silicium et au moins un groupement directement lié à un atome de silicium comprenant  
une fonction éther de polyalkylène (Poa) ; b) au moins un polyorganosiloxane (POS) (B) présentant, par molécule, au moins deux  
atomes d'hydrogène liés au silicium ; c) une quantité catalytiquement efficace d'au moins un catalyseur d'hydrosilylation (C) ; d) au  
moins un sel électrolyte (D).

WO 2004/090038 A1